a much larger shoulder in order to take the thrust to which it will be subjected when the device is operated. A small pin *B* replaces the headless set-screw used in the designs in Figs. 20 and 21. The arrangements for clamping the wedge have been considerably changed, and bronze casting *C* is added. A hole is cut in the base into which the casting is inserted, clearance

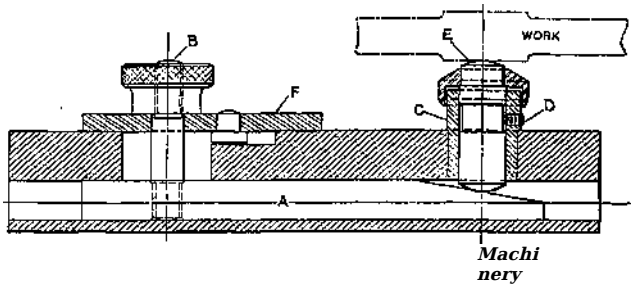

Fig. 20. **A Further Improvement upon the Adjustable Wedge Stops shown in Figs. 18 and 19**

being permitted all around so that the casting can be aligned easily -with the wedge. The casting is held in place by two fillister-head screws and two dowels; a hole is drilled through the lower part of it which acts as a support for the back end of the wedge, as indicated. The front end is supported in the bushing *A* in such a manner that the friction is reduced to a

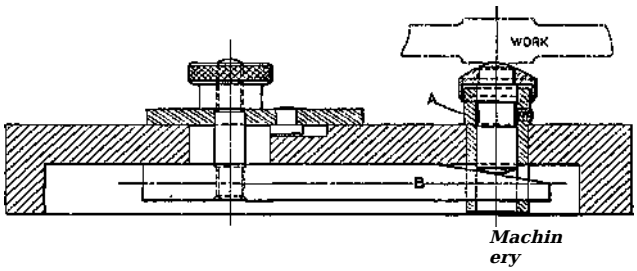

Fig. 21. **A more Satisfactory Form of Adjustable Wedge Stop than that shown in Fig. 20**

minimum. Casting *C* also supports the shoe *D* and raises

it from the base of the fixture. A tongue is cut on the lower side of shoe *D* which fits into a groove in casting C, thereby preventing the shoe from turning when the nut is tightened or loosened. Stud *E* is screwed into the side of the knurled nut and a small pin *F* is driven into the shoe. This pin acts as a stop for the